

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064720004-6

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CIA-RDP86-00513R002064720004-6

SERGEYEVA, A.S.; ZHIREBOV, L.P., professor; FEDOROV, B.M., redaktor;
KARASIK, N.P., "tekhnicheskiy redaktor"

[The chemistry of wood and cellulose] Khimiia drevesiny i tsellulozy. Pod red. L.P.Zherebova. Moskva, Goslesbunindat, 1954. 138 p.
(Wood--Chemistry) (MIRA 7:10)
(Cellulose)

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CIA-RDP86-00513R002064720004-6

Methylated nonaromatic substances in the central step of
synthesis R. I. Korchenko, I. P. Zherebov and V. B.
Bystigneev, *J. Appl. Chem. USSR* 27, 1183-4 (1954).
(Engl. translation) - See *CA* 49, 4003a B.M.R.

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CIA-RDP86-00513R002064720004-6"

KORCHEMKIN, Y.I.; ZHEREBOV, L.P.; YEVSTIGNEYEV, V.B.

Methylated nonaromatic substance in the cambium juices of pine.
Zhur.prikl.khim. 27 no.11:1217-1221 N '54. (MLRA 7:12)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut i Institut biokhimii im. A.N.Bakha Akademii nauk SSSR.
(Pine) (Cambium)

ANDREYEV, A.B.; ANTOHOV, A.I.; ARAPOV, P.P.; BARMASH, A.I.; BEDNYAKOVA,
A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSTEIN, S.A.; BITTUTSKOV,
V.I.; BLYUMENBERG, V.V.; BOICH-BRUYEVICH, M.D.; BORMOTOV, A.D.;
BULGAKOV, N.I.; VIKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.,
[deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.;
GOLDOVSKIY, Ye.M.; GORBUNOV, P.P.; GORYALNOV, F.A.; GRINBERG, B.G.;
GRYUMER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased];
DREMAYLO, P.G.; DYBITS, S.G.; D'YACHENKO, P.P.; DYURMBAUM, N.S.,
[deceased]; YEGORCHENKO, B.P. [deceased]; YEL'YASHKEVICH, S.A.;
ZHOBEROV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY,
S.R.; ITKIN, T.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.;
KASATKIN, F.S.; KATSUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV,
I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.;
LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTTSAU, V.K.;
MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.;
NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.;
POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye.; RZHEVSKIY, V.V.; ROZENBERG,
G.V.; ROZENTRETER, B.A.; ROKOTTAN, Ye.S.; RUKAVISENIKOV, V.I.;
RUTOVSKIY, B.N. [deceased]; HYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu.,
STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.;
FEDOROV, A.V.; FERE, N.E.; FRENKEL', M.Z.; KHAYFETS, S.Ya.; KHLOPIN,
M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.;
SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.E.;
SHTWRLING, S.Z.; SHUTYY, L.R.; SHUKHGAN'TER, L. Ya.; MRVAYS, A.V.;

(Continued on next card)

ANDREYEV, A.B. (continued) Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BEEZHE-
GET, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor;
BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L.,
retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV,
A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor;
DEGTIAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent;
redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M.
retsenzent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor;
SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent,
redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M.,
retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor;
MALOV, N.M., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor;
METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent;
redaktor, OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A.,
retsenzent, redaktor; PANYUKOV, N.P., retsenzent, redaktor; PLAKSIN,
I.N., retsenzent, redaktor; RAKOV, K.A. retsenzent, redaktor;
ZHUVINSKIY, V.V., retsenzent, redaktor; RIMBERG, A.H., retsenzent;
redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; HUDEJKO, K.G.,
retsenzent, redaktor; HUTOVSKIY, B.N., [deceased] retsenzent,
redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B.,
retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor;
SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent,
redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye.,
retsenzent, redaktor; STRELTSKIY, N.S., retsenzent, redaktor;

(Continued on next card)

ANDREYEV, A.V., (continued) ... Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYFMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTOPAL, V.M., retsenzent, redaktor; SHISHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A. inshener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHgal'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
(Technology--Dictionaries)

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AID P - 3731

Subject : USSR/Chemistry
Card 1/1 Pub. 152 - 11/16
Authors : Korchemkin, F. I. and L. P. Zherebov
Title : The reactivity of viscose celluloses
Periodical : Zhur. prikl. khim. 28, 8, 872-876, 1955
Abstract : The behavior of cellulose fibers in Schweitzer's reagent was studied and the changes are shown in sketches. The weakening or destruction of the outer walls of cellulose fibers seems to be an important factor in the determination of the reactivity of cellulose. One table, one photo, 18 references, 12 Russian (1938-1954).
Institution : Central Wood-chemical Scientific Research Institute
Submitted : Je 4, 1954

KMORR, KLAUS; LITVIN, Z.V. [translator]; GOLANSKIY, M.M., kand.ekonom.nauk
[translator]; KAMUSHER, K.G. [translator]; KAZAKOV, V.M. [translator];
GANTMAN, V.I., kand.yurid.nauk, red.; ZHERMBTSOV, L.P., red.;
KONOVALOVA, Ye.K., tekhn.red.

[The war potential of nations] Voennyi potentsial gosudarstv. Moskva,
Voen.izd-vo M-va obor.SSSR, 1960. 392 p. (MIRA 13:10)
(Armaments) (War--Economic aspects)

ZHEREBOV, L.P., prof.; MILOV, B.G., doktor tekhn.nauk; CHETVERIKOV, N.M.,
kand.tekhn.nauk; VOLINA, L.M., starshiy nauchnyy rabotnik

Parameters of continuous cooking of sulfite pulp. Bum. prom. 33
no.5:2-5 My '58. (MIRA 11:6)

1. Moskovskiy filial TSentral'nogo nauchno-issledovatel'skogo institut
tsellyuloznoy i bumazhnoy promyshlennosti.
(Woodpulp)

ZHENEBOVA, N. Yu.

36654. Pervyye Russkiye Zheleznyye Konstruktsii Pokrytii. Arkhitektura i
Stroit-vo Leningrada, 1949. Sb. 2, c. 31-32.

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

Zhuravlev
ZHERETSOV, A.; LIKHAREVA, N.; YAKOBSON, V.

Methods of testing home refrigerators [with summary in English].
Khokh. tekhn. 35 no.1:42-46 Ja-F '58.
(Refrigerators--Testing) (MIRA 11:2)

CHISTYAKOV, M.N., marshal artillerii, redaktor; NIKIFOROV, N.N., polkovnik;
TURKIN, P.I., inzhener-polkovnik; ZHEBERTSOV, A.A., polkovnik;
GALIYENKO, S.O., gvardii polkovnik.

[Artillery] Artilleriia. [5.izd., perer. i dop.] Moskva, Voen.izd-vo,
1953. 479 p.
(MLRA 7:3)
(Artillery)

NAUMOVICH, S.S., general-major-artillerii; ZHERMETSOV, A.A., polkovnik,
redaktor; SRIBNIS, N.V., tekhnicheskij redaktor.

[Determining distances by simple means] Opredelenie rasstojanii
pryetsishimi sposobami. Moskva, Voennoe izd-vo Ministerstva
oborony Soiuza SSR, 1954. 70 p. [Microfilm] (MLRA 8:2)
(Distances--Measurement)

AGREENICH, Aleksandr Andreyevich, inzh.-polkovnik; ZHERMBTSOV, A.A., red.;
STAN'NIKOVA, M.A., tekhn.red.

[Antiaircraft artillery] Zenitnaia artilleriya. Moskva, Voen.
izd-vo M-va sbor.SSSR, 1960. 213 p. (MIRA 13:6)
(Antiaircraft guns)

AGRENICH, A.A., inzhener-podpolkovnik; ZHEREBTSEV, A.A., polkovnik, redaktor; KONOVALOVA, Ye.K., tekhnicheskaya redaktor

[From stone to modern projectile] Ot kamenia do sovremennoego snariada. Moskva, Voen. izd-vo Ministerstva oborony SSR, 1954.

161 p.

(Projectiles)

(MIRA 8:7)

LEBEDEV, P.K., general-leytenant artillerii [deceased]; ~~SHERBTSOV,~~
A.A., polkovnik, redaktor; ZUDINA, M.P., tekhnicheskiy
redaktor.

[Artillery reconnaissance by observation] Razvedka nabliu-
deniem v artillerii. Moskva, Voen.izd-vo Ministerstva oboz.
SSSR, 1955. 51 p.
(MLRA 8:12)
(Military reconnaissance) (Artillery drill and tactics)

YEVSTRATOV, V.F.; BEBRIS, K.D.; BIDERMAN, V.L.; BUYKO, G.N.; DESIDLEY, L.V.
ZHIRETSOV, A.N.; YASHUNSKAYA, F.I.

Development of the tire industry in the U.S.S.R. during the last
forty years. Kauch. i rez. 16 no.10:13-26 0 '57. (MIRA 11:1)
(Tires, Rubber--History)

Cherebtsov, A.N.

~~Zherebtsov, A.N.~~

Conference of construction engineers from the tire industries
of the people's democracies. Kauch.i rez.16 no.9:35 S '57.

(MIRA 10:12)

(Germany, East--Tires, Rubber--Congresses)

AUTHORS:

Bebris, K. D; Veresotskaya, N. V; Zherebtsov, A. N;
Novikov, M. I.

138-1-4/16

TITLE:

Investigation of a Rapid Mixing Process in the
Rubber Mixer 3A. (Issledovaniye protsessa skorostnogo
smesheniya v rezinosmesitele 3A).

PERIODICAL:

Kauchuk i Rezina, 1958,¹⁷ Nr.1. pp. 13 - 20. (USSR).

ABSTRACT:

The intensification of mixing in a rubber mixer was achieved by increasing the speed of the revolutions of the rotor and by increasing the pressure of the seal on the mixture. Fig. 1 shows the ratio of duration of mixing to the pressure of the upper seal for butadiene-styrene rubber (according to R. N. Comes - Ref. on page 20). In the mixer No. 11 the speed of revolutions = 40 revolutions/minute; the optimum pressure on the mixture 4-5 kg/cm²; the pressure of air in the cylinder 7 atms. For this experiment the rubber mixer 3A was modified, the speed of the revolution of the rotors was increased from 28.4/32.1 to 57.2/64.6 revolutions/minute. The 100 KWT motor was exchanged for a 198 KWT motor; the pressure of the upper seal on the mixture was increased to 4.8 Kg/cm² by installing a 370 mm diameter

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138-1-4/16

Investigation of a Rapid Mixing Process in the Rubber Mixer 3A.

cylinder. Sprayers improved the cooling arrangement of the mixer. Basic technological factors influencing the process of mixing were determined. Various experiments were carried out to determine the optimum height of charging the mixer.

The optimum volume was found to be 41/43% (Fig.2). Fig.3 gives the dependence of the properties of the mixtures and vulcanising agents and the volume of the charge of mixture and the methods of mixing. The optimum time of the process of mixing in the first stage was found to vary between 1 $\frac{1}{2}$ - 2 minutes; for mixtures containing a large amount of carbon black e.g. 2P-305, the optimum time of mixing = 2 minutes.

Results of experiments to determine the optimum temperature of mixing are given in Table 2. The dependence of the properties of the mixtures and vulcanisates and the pressure of the upper seal and method of mixing: Fig.4. The effect of the pressure of the upper seal on the process of mixing when the charge was 50 litre, according to methods of mixing: Figs.5, 6 and 7. From results given in Figs. 5 - 8 it can be concluded that the pressure of the upper seal should be approximately 3 Kg/cm² for a 50 litre charge and

Card 2/4

138-1-4/16

Investigation of a Rapid Mixing Process in the Rubber Mixer 3A.

the plasticity of the mixture above 0.40(according to Karrer). When the pressure of the upper seal is increased from 0.66 to 3 kg/cm² the average input and loss of electro-energy increases from 14 to 17%, whilst the properties of the mixture and vulcanisates remain constant. The load on the motor is practically unchanged when the volume of the mixture is increased from 40 to 45 litre and the pressure of the upper seal on the mixture is 4.3 kg/cm² (Fig.9). Good results were obtained when natural rubber was plasticised in the mixer; the temperature of the rubber was increased from 140 - 150°C after processing for 3 minutes, and to 155 - 180°C when the time of the experiment was increased from 5 to 7 minutes. 6-7 minutes processing was required to achieve a plasticity of 0.37 - 0.40 (Fig.11). When natural rubber was plasticised in the presence of accelerators a 0.45 plasticity (according to Karrer) was obtained after 3 minutes at a temperature of 145°C. Experiments on controlling the rate of the mixing process were also carried out. The consumption of electro-

Card 3/4

138-1-4/16

Investigation of a Rapid Mixing Process in the Rubber Mixer 3A.

energy was investigated and results are given in Table 4. Mixtures prepared by the 2-stage method of mixing make it possible to improve the properties of mixtures. The process is more economical because when compared with 1-stage methods only about one third of the number of mixers are required. There are 11 Figures, 4 Tables and 1 English Reference.

ASSOCIATION: Research Institute of the Rubber Tyre Industry.
(Nauchno-issledovatel'skiy institut shinnoy promyshlennosti).

AVAILABLE: Library of Congress.

Card 4/4

ZHEREBTSOV, A.N.

To ensure a full supply of high quality tires for the national economy. Kurch. i rez. 20 no.1:1-3 Ja '61. (MIRA 14:3)
(Tires, Rubber)

ZHEREBTSOV, A.N.

Technical progress in the rubber tire industry during the period following the May Plenum (1958) of the Central Committee of the CPSU. Kauch. i rez. 22 no.12:1-3 D '63.

(MIRA 17:9)

BORISOGLEBSKIY, B.N., kand. tekhn. nauk, red.; VINOGRADOV, Yu.M.,
kand. tekhn. nauk, red.; GALITSKIY, B.A., red.;
GORYAINOVA, A.V., kand. tekhn. nauk, red.; ZHEREBTSOV,
A.N., red.; KORETSKIY, I.M., red.; MAKAROVA, N.S., red.;
MORDOVSKIY, S.I., kand. tekhn. nauk; SALAMATOV, I.I.,
doktor tekhn. nauk; SHVARTS, G.L., kand. tekhn. nauk,
red.; YUKALOV, I.N., kand. tekhn. nauk, red.; YUSOVA, G.M.,
kand. tekhn. nauk, red.; VASIL'YEVA, G.N., red.

[Manufacture of filters in the U.S.S.R.; collection of
reports at the united session of the scientific and tech-
nical councils of the All-Union Scientific Research In-
stitute of Chemical Machinery, the Ukrainian Scientific
Research Institute of Chemical Machinery and the technical
council of the Ural Chemical Machinery Plant] Fil'trostroenie
v SSSR; sbornik dokladov na ob"edinennoi sessii nauchno-
tekhnicheskikh sovetov Niukhimmasha, Ukrniukhimmasha i tekhn-
icheskogo soveta zavoda "Uralkhimmash." Moskva, Otdel
nauchno-tehn. informatsii, 1963. 107 p. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut khimicheskogo mashino-
stroyeniya (for Borisoglebskiy, Mordovskiy).

ZHEREBTSOV, F.P. (Stalingrad)

Drawings used for solution of solid geometry problems. Mat. v
shkole no.5:68-69 S-0 '60. (MIRA 13:10)
(Geometry, Solid--Study and teaching)

BABAYEV, V.G., inzh.; IONOV, A.N., inzh.; ZHEREBTSOV, G.P., inzh.;
AFANAS'YEV, B.P., inzh., red.

[Using reinforced concrete sink pits on construction sites of metallurgical plants] Primenenie zhelezobetonnykh opusknnykh kolodtsev na stroikakh metallurgicheskoi promyshlennosti; iz opyta trestov kombinata "Krivbasstroy" Dnepropetrovskogo sovmarkhoza i tresta "Tulmetallurguglestroy" Tul'skogo sovmarkhoza. Moskva, 1959. 31 p.

(MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stva.
2. Nachal'nik tekhnicheskogo otdela i glavnayy tekhnolog kombinata "Krivbasstroy" (for Babayev).
3. Nachal'nik otdela Orgstroya Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoi (for Ionov).
4. Glavnayy inzhener SU-1 tresta "Tulmetallurguglestroy" (for Zherubitsov).

(Ore dressing--Equipment and supplies)

NIKOLAYCHUK, K.L., inzh.; SHUPTA, S.S.; BUL'MESOV, O.A., slesar'; ZHEREBTSOV,
F.M., master; GOLOVANCHIKOV, A.M., mashinist elektrovoza.

Workers of Barabinsk train shed. Elek. i tepl. tiaga no.11:32-34 N
'57. (MLRA 10:11)

1. Barabinsk, elektrovochnoye depo, Omskaya doroga. 2. Korrespondent
gazety "Omskiy shleznodorozhnik" (for Shupta).
(Railroads--Maintenance and repair)

ROZHANSKIY, I.; ZHEREBTSOV, O.; AERAMOV, O.; BOL'SHAKOV, A.

Strengthen the control of finance agencies over the activity of
machine-tractor stations. Fin. SSSR 16 no.5:55-61 My '55.
(Machine-tractor stations--Finance) (MIRA 8:6)

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CIA-RDP86-00513R002064720004-6

ZHERNEVTSOV, G.P., inzhener; PETRASHEVICH, A.I., inzhener.

Cementation of a blast furnace foundation. Sbor.mat.o nov.tekh.v
stroj. 15 no.10:9-11 '53.

(MLRA 6:12)

(Foundations) (Concrete construction)

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CIA-RDP86-00513R002064720004-6"

Zherebtsov, G. P.

Subject : USSR/Engineering AID P - 322
Card : 1/1
Author : Zherebtsov, G. P., Engineer
Title : Apparatus for determining the moisture content of wood
Periodical : Sbor. mat. o nov. tekhn. v stroi., 3, 20-21, 1954
Abstract : This apparatus is built on the principle of measuring the electrical resistance of wood by passing through it an electric current depending upon the content of moisture. The electrical resistance will decrease with the increase of moisture. This apparatus is used to check members of wooden structures where the moisture content usually is in the limits of 10 - 30%.
Institution : None
Submitted : No date

107-57-3-62/64

AUTHOR: Zherebtsov, I.

TITLE: "An Entertaining Radioengineering." Critique and Bibliography
("Zanimatel'naya radiotekhnika." Kritika i bibliografiya)

PERIODICAL: Radio, 1957, Nr 3, pp 63-64 (USSR)

ABSTRACT: A review of the book, "Zanimatel'naya radiotekhnika" (Entertaining Radioengineering), Nr 249 of "Massovaya radiobiblioteka" (Mass Radio Library), Gosenergoizdat, 1956, by L. V. Kubarkin and Ye. A. Levitin, is presented. The reviewer appreciates the book as a whole but proffers a long list of its errors and shortcomings.

Card 1/1

ZHEREBTSOV, I.

Superficial book ("Handbook for radio technicians" by M. Savost'ianov.
Reviewed by I. Zherebtsov). Radio no.11:63-64 N '58.

(MIRA 11:12)

(Radio--Handbooks, manuals, etc.)
(Savost'ianov, M.)

9(4)

SOV/107-58-12-52/55

AUTHOR: Zherebtsov, I.

TITLE: Text-Books on Electric Vacuum and Transistor Devices
(O spravochnikakh po elektrovakuumnym i poluprovod-
nikovym priborom)

PERIODICAL: Radio, 1958, Nr 12, p 58 (USSR)

ABSTRACT: This is a review of "A Textbook on Electric Vacuum and Transistor Devices" by A.M. Broyde, published by Gosenergoizdat, 1957. It is stated that Gosenergoizdat is the only publishing house which systematically publishes textbooks on electric vacuum devices.

Card 1/1

MIKHAYLOVA, L.I.; ZHEREBTSEVA, I.A.; KALAMKARYAN, A.A.

Abstracts. Sov. med. 28 no.9:145 S 165. (MIRA 18:9)

1. Gemoterapevticheskaya klinika TSentral'nogo ordena Lenina instituta gematologii i perniciativnoy krovi i otitel dermatologii TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta Ministerstva zdravookhraneniya SSSR, Moskva.

LOPATINSKIY, V.P.; SIROTKINA, Ye.Ya.; ZHEREBTSOV, I.B.

9-(β -Hydroxyethyl)carbazole. Metod. poluch. khim. reak. i
prepar. no.11:94, 96. '64.. (MIRA 18:12)

1. Tomskiy politekhnicheskiy institut S.M. Kirova. Submitted
April, 1964.

ZHEREBTSOV, I.D. and KAREV, V.A.

KAREV, V.A. LtCol., Vet.Service and ZHEREBTSOV, I.D. Capt.Vet.Service
"The Influence of Penicillin on the Morphobiochemical Properties of Clinically
Healthy Horses."
SO: Veterinariya, Vol.24, No.7, 1947, p.22 TABCON

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720004-6

ZHEREBTSEV, I. D.
Sverdlov Inst. of Microbiology and Epidemiology
"Chemotherapy of experimental brucellosis."
Soi. Vet. 26 (7) 1949, p. 10

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720004-6"

ZHEREBTSOV, I.D. (Cand. Vet. Sci.)

Sverdlovsk Institute of Microbiology and Epidemiology.

"The Effectiveness of Vaccine Therapy of Experimentally Induced Brucellosis,"

SO: Veterinariya, Vol 27, No 6, pp 37-39, 1950.

ZHEREVTSOV, I. D.

"Therapy of Brucellosis in Cattle." Dr Vet Sci, Kazan' State Veterinary Inst, Kazan' 1954. (RZhBiol, No 5, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

ZHEREBTSOV, I.D., ZHUKOVA, L.N.

Differentiation of brucellosis cultures. Zhur.mikrobiol. epid. i
immun. no.8:86 Ag '54. (MLRA 7:9)

1. Iz Sverdlovskogo instituta epidemiologii, mikrobiologii i
gigiyeny i Oblastnoy protivobrutselloznoy stantsii.
(BRUGELLA)

ZHEREBTSOV, I.D.

Morphological properties of bacteria of the Brucella group.
Lab. delo 4 no. 6:30-31 N-D '58 (MIRA 11:12)

1. Iz kafedry mikrobiologii Vitebskogo veterinarnogo instituta.
(BRUCELLA)

VIBKE, T.S.; BODYUKH, L.A.; ZHEREBTSOV, I.G.

Bringing down the biochemical oxygen demand of waste waters in
the production of ion exchange resins. Plast.massy no.5:65-66
'63. (MIRA 16:6)

(Ion exchange resins) (Sewage—Purification) (Starch)

ZHEREBTSOV, I.

Name: ZHEREBTSOV, I.

Regular contributor to the "Radio Front" magazine on short-wave problems for beginning radio amateurs, construction of converters, etc.

Author of the following books: "Magnetism, Electromagnetic Induction, Screen Grid," 1936; "Units of Measurements and Characteristics," 1936; "Short-Wave Receivers," 1936.

REF: R. F. #1, pg 52, col 2, 1937
R. F. #2, pg 34, col 2, 1937
R. F. #2, pg 54, col 2, 1937
R. F. #12, pg 1, col 1, 1937

Name: ZHEREBTSOV, I.P.

In conjunction with Z.B. GINZBURG (see card), wrote book, "Short-wave Techniques." The following topics are covered: propagation of short waves, electron tubes, short-wave receivers and transmitters, radio-telephone, antennas, measuring equipment, etc. In addition, contains theoretical aspects, plus radio amateur jargon, Morse code and long-distance communication procedure.

Author of book, "Radio Amateur Handbook." The book contains following topics: Ohm's law, resistance, galvanized elements and storage batteries, electromagnetic induction, alternating current, self-induction and capacitance, oscillations, antennas and ground, etc. This book is a very useful aid for radio amateurs on all levels.

REF: R.F. #12, p.64, 1938
REF: R. F. #21-22, p.63, 1938

PA 22T94

ZHEREBTSOV, I. P.

Jun 1947

USCC/Radio - Training
Radio Operation - Training

"Courses for Short-wave Radio Operators," I. P.
Zherebtsov, I. P.

"Radio" Vol II, No 6

Local councils of the Oscoaviakhim are undertaking an energetic program in training short-wave radio operators. The course can be completed in 6 months with 3 weekly meetings of 30 - 40 minutes each. The All-Union Radio Committee is considering such a plan and expects to put it under the jurisdiction of the Central Council of the Oscoaviakhim.

22T94

ZHEREBTSOV, I.

A 4/4790

USSR/Radio, Amateur
Radio - Training

Apr 48

"Improving the Training Program," I. Zherebtsov, 1 p

"Radio" No 4

Commends excellent work done by the Central Radio Club OsoAviakhim in training numerous qualified radio amateurs; however, notes that the training program needs much improvement, particularly regarding the study of radio's role in the USSR.

4/4790

X
ZHNEGBTSOV, I.P.; KONDRAUTOV, K.P.; MALYAVKO, P.Ya., redaktor; SOLOVEI-
CHIK, A., tekhnicheskiy redaktor.

[Rural radio amateur] Sel'skii radioliubiteli'. [Leningrad] Leningrad-
skoe gazetno-shurnal'noe i knizhnoe izd-vo, 1949. 133 p. (MLRA 8:1)
(Radio--Amateurs' manuals)

ZHEREBTSOV, I. F.

"Elementary Electrical Engineering", Svyaz'izdat, 88 pp, 1950.

ZHEREBTSOV, I. P.

Zherebtsov, I. P. - Radiotekhnika; rukovodstvo za radioliubiteli. Prevel ot
tuski Karl Maiski. Sofiya, Doso, 1952. 488 p. (Radio mechanics; handbook
for amateurs. Tr. from the Russian)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,
Oct. 1953, Uncl.

ZHEREBTSOV, I. P.

Electric Waves

On a poor chapter in a physics textbook ("Course of physics," I. I. Sokolov, Reviewed by I. P. Zherebtsov. Fiz. v shkole no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

ZHEREBTSOV, I. P.

Elementarnaia elektrotehnika [Fundamentals of electric engineering].
Izd. 2. Moskva, Aviaz'izdat, 1953. 132 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 8 November 1953

ZHEREBTSOV, I.P.; TANKOV, A.M., redaktor; FRIDKIN, A.A., tekhnicheskiy
redaktor.

[Introduction of decimeter and centimeter waves into radio engineering]
Vvedenie v radiotekhniku detsimetrovых i santimetrovых voln. Moskva,
Gos. energeticheskoe izd-vo, 1953. 188 p.
(Radio, Short-wave) (Radio waves) (MLRA 7:12)

SPIZHESKIY, I.I.; ZHREBTSOV, I.P., redaktor; BERG, A.I., akademik,
redaktor

[The radio amateur's anthology] Khrestomatiia radioliubitelia.
Sostavil I.I.Spirzhenskii. Pod obshchei red. akademika A.I.Berga.
Moskva, Gos. energ. izd-vo, 1953. 213 p. (Massovaia radio-bibliote-
ka, no.192) (MIRA 7:7)
(Radio--Receivers and reception)

ZHEREBTSOV, I.P.

[Radio engineering; aid for radio courses, study groups and self-education]
Radiotekhnika; posobie dlia radiokursov, krushkov i dlia samoobrazovaniia.
2., perer. izd. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1953.
435 p.

(MLRA 6:7)

(Radio--Study and teaching)

ZHSPEDTSOV, I. P.

Radiotekhnika. [Radio engineering]. 2-e izd. Moskva, Goschnergizdat, 1953. .536 p.

SO: Monthly List of Russian Accessions, Vol 6 No 4, July 1953

1. ROGINSKIY, V. V.; ZHEMCHISOV, I.
2. USSR (600)
4. Shul'gin, V. M.
7. Bad chapter in a substantial textbook. Radio No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ZHEREBTSOV, I.P., inzhener.

Project concerning terminology in theoretical electrical engineering. Elektri-
chestvo no.10:80-82 0 '53. (MLRA 6:10)

1. Leningradskaya krasnoznamennaya voyenno-vozdushnaya inzhenernaya akademiya.
(Electric engineering--Terminology)

ZHEREDTSOV, I.P. (g. Leningrad).

Amplitude modulation of oscillations. Fiz. v shkole 13 no.3:87-88 My-Je
'53. (MLRA 6:6)
(Oscillations)

ZHREBTSOV, Ivan Petrovich; MASHAROVA, V.G., redaktor; VNYMTRAUB, A.B.,
tekhnicheskij redaktor

[Radio engineering] Radiotekhnika. Izd. 3-e. Moskva, Gos. izd-vo
lit-ry po voprosam sviazi i radio, 1954. 439 p. (MIRA 10:1)
(Radio--Amateurs' manuals)

USSR/ Miscellaneous - Radio amateurs

Card 1/1 Pub. 89 - 9/27

Authors : Zherebtsov, I.

Title : Radio-amateurs and polytechnical education

Periodical : Radio 2, 17-18, Feb 1954

Abstract : The author believes that modern life requires a general technical knowledge from practically everyone, and that radio-amateurism is one of the ways of attaining such knowledge. Illustration.

Institution:

Submitted:

USSR/Miscellaneous - Bibliography

Card 1/1

Author : Zherebtsov, I.

Title : New Books: A book about an outstanding person, who was active in the field of Soviet radio engineering.

Periodical : Radio. 5, May 1954

Abstract : This is a bibliographical note about a booklet entitled "Mikhail Aleksandrovich Bondch-Bruyevich" by I. A. Sizovskaya, published by Sovzhet (State Publishing House of Technical Literature) in Moscow. The author's address is given as the Institute of Radio Electronics of the Academy of Sciences of the USSR. The book is about the life and work of a prominent Soviet scientist in the field of radio - M. A. Bondch-Bruyevich, a member of the Academy of Sciences of Soviet Russia.

Institution :

Submitted :

ZHEREPTSOV, I.P. (g. Leningrad)

Correspondence with readers. Answer to A.P. Sedov. Fiz. v
shkola 14 no.3:75-77 My-Je '54. (MLRA 7:?)
(Oscillators, Vacuum tube)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720004-6

ZHEREBTSOV, I.P. (g. Leningrad)

Demonstration of resonance on pendulums. Fix. v shkole 14 no.5:
59-60 8-0 '54. (MLRA 7:9)
(Oscillations) (Pendulum)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720004-6"

ZHEREBTSOV, I.P.; SHUL'GIN, K.A., redaktor; GRIGOR'YEVA, A.I., redaktor;
KARYAKINA, M.S., tekhnicheskiy redaktor.

[Meter wave technique] Tekhnika metrovyykh voln. Moskva, Izd-vo
DOSAAF, 1955. 181 p. (MIRA 8:5)
(Radio waves)

ZHEREBTSOV, Ivan Petrovich; GRIGOR'YEVA, A.I., redaktor; KARYAKINA, M.S.,
tekhnicheskij redaktor

[Book for the village radio amateur] Kniga sel'skogo radio-
liubitelja. Moskva, Izd-vo DOSAAF, 1955. 382 p. (MLRA 9:4)
(Radio--Receivers and reception)

ZHEREBTSOV, I. (Leningrad)

A very simple method of recharging dry cells. Radio no.6:
29 Je '55. (MIRA 8:8)
(Electric batteries)

ZHEREBTSOV, I.P. (g.Leningrad).

"Electromagnetic oscillations and waves" in the new physics text-book. Fiz. v shkole 15 no.1:73-76 Ja-F '55. (MLRA 8:2)
(Electric waves--Study and teaching)

ZHIREBTSOV, I.P. (Leningrad)

New volt- and ampermeters used for demonstrations in physics.
Fiz. v shkole 15 no.6:59-61 N-D '55. (MLRA 9:2)

1. Pedagogicheskiy institut imeni A.I.Gertsena.
(Electric meters)

LEVINSON-ALEKSANDROV, Fedor L'vovich; DAVYDOV, Sergey L'vovich; ZHREBTSOV,
Ivan Petrovich; VLADIMIROV, V.T., podpolkovnik, redaktor; SOLOMONIK,
R.L., tekhnicheskiy redaktor

[Radio engineering; a manual for sergeants in the signal corps]
Radiotekhnika; uchebnoe posobie dlia serzhantov voisk sviazi.
Izd. 2-oe, ispr. i dop. Moskva, Voen. izd-vo Ministerstva obor.
SSSR, 1956. 370 p. (MLRA 9:10)
(Radio)

Zherebtsov, I. P.

USSR/General Problems - Problems of Teaching

A-3

Abst Journal : Referat Zhur - Fizika, No 12, 1958, 33609

Author : Zherebtsov, I. P.

Institution : None

Title : On Physics Instruction Charts

Original

periodical : Fizika v Shkole, 1956, No 2, 87-89

Abstract : Noticing how timely it is to have published teaching placards on physics, the author discusses all the placards and notes the actual shortcomings of each of them.

Card 1/1

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720004-6

SAKHAROV, D.I. (Moskva); ZHEREMTSOV, I.P. (Leningrad)

Correspondence with readers. Fiz. v shkole 16 no.3:85-86 My-Je '56.
(Physics--Problems, Exercises, etc.) (MIRA 9:7)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720004-6"

ZHEREBTSOV, I.

"Radiotechnology for fun" by L.V. Kubarkin, E.A. Levitin.
Reviewed by I. Zherebtsov. Radio no.3:63-64 Mr '57. (MLRA 10:5)
(Radio) (Kurbarkin, L.V.) (Levitin, E.A.)

VERBITSKAYA, Tat'yana Nikolayevna; ZHEREBTSOV, I.P., red.; LARIONOV,
G.Ye., tekhn.red.

[Variable capacitors] Varikondy. Moskva, Gos.energ.izd-vo,
1958. 61 p. (Massovaja radiobiblioteka, no.318). (MIRA 12:10)
(Condensers (Electricity))

9(3) 24(3)

PHASE I BOOK EXPLOITATION

SOV/1423

Zherebtsov, Ivan Petrovich

Elektrotehnika dlya radistov (Electrical Engineering for Radio Operators) Moscow, Izd-vo DOSAAF, 1958. 236 p. 125,000 copies printed.

Ed.: Grigor'yeva, A.I.; Tech. Ed.: Karyakina, M.S.

PURPOSE: The book is intended for radio amateurs with a preparation in mathematics and physics on the seventh-grade level of Soviet secondary schools.

COVERAGE: The author presents in popular form the fundamentals of electrical engineering: electric current, electric circuits, and electromagnetic phenomena. Considerable space is devoted to the study of alternating current and its applications. The final chapters discuss electrical measuring instruments, primary cells and storage batteries. Some additional material is provided for better-qualified readers. Owing to the limited scope of the book, many

Card 1/6

Electrical Engineering for Radio Operators SOV/1423

electrical calculations and certain special problems had to be omitted, in particular, three-phase current and various electric machines. No personalities are mentioned. There are no references.

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Electrical Engineering for Radio Operators SOV/1423

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Electrical Engineering for Radio Operators SOV/1423

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Electrical Engineering for Radio Operators SOV/1423

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Card 5/6

LITERATURE REVIEW - I.Y.

AUTHOR: Zherebtsov, I.P. (Leningrad) 47-58-1-27/35

TITLE: Correspondence With Readers (*Perepiska s chitatelyami*)

PERIODICAL: Fizika v Shkole, 1958, # 1, pp 71-72 (USSR)

ABSTRACT: In reply to requests made by several readers of the journal, the author published symbols of different electric diagrams according to the new directives given by the "GOST 7624-55", effective 1 July 1956.

AVAILABLE: Library of Congress

Card 1/1

AUTHOR:

Zherebtsov, I.P. (Leningrad)

47-58-1-28/35

TITLE:

Polish Periodical "Fizika v Shkole" (Pol'skiy zhurnal "Fizika v shkole")

PERIODICAL: Fizika v Shkole, 1958, # 1, pp 73-74 (USSR)

ABSTRACT:

In the section "Critic and Bibliography" the author describes the Polish periodical for teachers "Fizika v Shkole". Like its Soviet counterpart, it deals with questions concerning the teaching of physics in Polish schools, gives advice to teachers, publishes numerous articles on many subjects of professional and general interest.

AVAILABLE: Library of Congress

Card 1/1

6(4), 9(9)

SOV/142-58-5-21/23

AUTHOR:

Zherebtsov, I.P., Engineer

TITLE:

Chronicle. XIII Leningrad Scientific-Technical Conference, Dedicated to Radio Day

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy - radiotekhnika, 1958, Nr 5,
pp 629-631 (USSR)

ABSTRACT:

The XIII Leningrad Scientific-Technical Conference was convened from April 21 to April 26, 1958 in Leningrad. The conference was organized by the Scientific-Technical Society of Radio Engineering and Telecommunications imeni A.S. Popov (Nauchno-tehnicheskoye obshchestvo radiotekhniki i elektronsvyazi im. A.S. Popova). The Conference heard 55 reports in 12 sections.

SUBMITTED:

July 1, 1958

Card 1/1

AUTHOR: Zherebtsov, I. [P.]

SOV/107-58-11-40/40

TITLE: A Superficial Book (Poverkhnostnaya kniga)

PERIODICAL: Radio, 1958, Nr 11, pp 63-64 (USSR)

ABSTRACT: This is a review of M. Savost'yanov's Book, "The Radio Technician's Handbook" (Posobiye dlya radiomasteri), published by the DOSAAF Publishing House in Moscow 1956.

Card 1/1

USCOM-D0-60597

Zherebtsov I.P.

AUTHOR: Zherebtsov, I.P.

SOV-47-58-6-3/28

TITLE: New Electronic Receiving Tubes Including Low-Power Amplifiers (Novyye priyemno-usilitel'nyye elektronnyye lampy)

PERIODICAL: ^{Vol 18} Fizika v shkole, 1958, Nr 6, pp 21 - 24 (USSR)

ABSTRACT: One of the main parameters of amplifying electronic tubes is the transconductance which characterizes the controlling action of the grid, i.e. its influence on the electron flux. As a result of lengthy research it has proved possible to manufacture receiving tubes including low-power amplifiers with an increased transconductance. The development of the tubes was conducted in 3 directions. The first direction included a decrease in the distance between the controlling grid and the cathode to several tens of microns. The second direction was using a tube with the so-called cathodic grid located between the controlling grid and the cathode, with a certain positive potential (Fig. 1). In the third direction a high trans-conductance was obtained by means of a second electronic emission. Only recently were materials found which produce a heavy and steady second emission. Good results were also obtained in respect to increasing the service life, the mechanical durability and reliability of the

Card 1/2

New Electronic Receiving Tubes Including Low-Power Amplifiers SOV-47-58-6-3/28

tubes. The so-called Bar-type tubes (sterzhnevaya lampa) developed in the USSR under the supervision of V.N. Avdeyev are of special interest. Each grid in them has an unusual design in the form of 2 bars between which the electronic flux passes to the anode (Fig. 3). In the bar-type tubes, the control of the electronic flux is based on the principles of electronic optics. The manufacture of bar-type lamps is much simpler than those with spiral grids. While working on the improvement of bar-type tubes, V.N. Avdeyev succeeded in making another kind of new tube with so-called pressed grids having the form of frames pressed from sheet metal. The principle of their construction is shown in fig. 4. The difficulty in obtaining a high transconductance is a deficiency of the bar-type and pressed tubes. It does not exceed at present several units of milliampere to the volt. There are 5 diagrams.

ASSOCIATION: Leningradskiy pedagogicheskiy institut imeni Gertsena (Leningrad Pedagogical Institute imeni Gertsen)

1. Electron tubes--Design

Card 2/2

ZIN'KOVSKIY, Abram Isaakovich; ZHEREBTSOV, I.P.; MATVEYEV, G.I., tekhn.red.

[Klystron] Klistron. Moskva, Gos.energ.iad-vo, 1959. 15 p.
(Massovaya radiobiblioteka, no.322) (MIRA 12:4)
(Klystrons)

KHAYKIN, Semen Emmanuilovich; ZHEREMTSOV, I.P., red.; MATVEYEV, G.I.,
tekhn.red.

[Electromagnetic oscillations and waves] Elektromagnitnye
kolebaniia i volny. Moskva, Gos.energ.iizd-vo, 1959. 255 p.
(Massovaia radiobiblioteka, no.325) (MIRA 12:6)
(Oscillations) (Electric waves)

ZHERMETSOV, Ivan Petrovich; PLENKIN, Yu.N., red.; LARIONOV, G.Ye.,
tekhn.red.

[Fundamentals of electronics] Osnovy elektroniki. Moskva,
Gos.energ.izd-vo, 1960. 670 p. (Massovaja radiobiblioteka.
Uchebnaia serija, no.380). (MIRA 13:12)
(Electronics)

PHASE I BOOK EXPLOITATION

SOV/5210

Zherebtsov, Ivan Petrovich

Osnovy elektroniki (Principles of Electronics) Moscow, Gosenergoizdat, 1960. 607 p. 100,000 copies printed. (Series: Massovaya radiobiblioteka. Uchebnaya seriya, vyp. 380)

Editorial Board: Berg, A. I., Burdeyny, F. I., Burlyand, V. A., Vaneyev, V. I., Genishta, Ye. N., Dzhigit, I. S., Kanayeva, A. M., Krenkel', E. T., Kulikovskiy, A. A., Smirnov, A. D., Tarasov, F. I., and Shamshur, V. I.; Ed.: Yu. N. Plenkin; Tech. Ed.: G. Ye. Larionov.

PURPOSE: This book is intended for general readers with an elementary knowledge of physics and electrical engineering who are interested in electronics.

COVERAGE: The book is designed as a popular text which could serve as a basis for a further study of radio engineering devices. The author examines the physical principles of those vacuum-tube,

~~Card 1/9~~

Principles of Electronics

SOV/5210

gas-filled, and semiconductor devices which are widely used by amateurs. Special-purpose devices or devices not yet manufactured industrially are not discussed. For the devices described, particular attention is given to problems of their use in radio engineering systems. The dynamic conditions and operation of tubes in an amplifying stage are also examined. Mathematical data are limited to a minimum. The authors thank A. D. Balashov, N. V. Bobrov, V. A. Zaytsev, D. M. Kazarnovskiy, I. F. Krasnov, A. A. Kulikovskiy, Yu. A. Tal', V. S. Terpilovskiy, and S. Ya. Shats for their advice. There are no references.

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Card 2/9

BULATOV, N.P. (Moskva); ZHEREBTSOV, I.P. (Leningrad); SERKOV, V.V.

Discussing the draft of the new program for the course in electrical engineering. Fiz. v shkole 20 no.5:71 S-0 '60. (MIRA 13:11)

1. Pedagogicheskiy institut, g.Orsk (for Serkov).
(Electric engineering--Study and teaching)

BURLYAND, V.A.; YENYUTIN, Ye.A.; ZHEREBTSOV, I.P.; LEVITIN, Ye.A.;
LOMANOVICH, V.A.; NEFEDOV, A.N.; SOBOLEVSKIY, A.G.; SONIN,
Ye.K.; GRIGOR'YEVA, A.I., red.; KARYAKINA, M.S., tekhn. red.

[A book for rural radio amateurs] Kniga sel'skogo radioliubiteelia.
Pod obshchei red. V.A.Berlianda. Moskva, Izd-vo
DOSAAF, 1961. 511 p. (MIRA 15:3)

(Radio)

DAVYDOV, Sergey L'vovich; ZHEREBTSOV, Ivan Petrovich;
LEVINSON-ALEKSANDROV, Fedor L'vovich; VLADIMIROV, V.T.,
red.; SOKOLOVA, G.F., tekhn. red.

[Radio engineering] Radiotekhnika; uchebnoe posobie dlja
serzhantov voisk sviazi. [By] S.L.Davydov, I.P.Zherebtsov,
F.L.Levinson-Aleksandrov. Izd.3., perer. i dop. Moskva,
Voenizdat, 1963. 342 p. (MIRA 16:3)
(Radio, Military)

VASIL'YEVA, Valentina Petrovna; GORSKIY, Aleksandr Ivanovich;
KAZARINOV, Yuriy Mikhaylovich; KOLOMENSKIY, Yuriy
Aleksandrovich; KRAYCHIK, Aron Borisovich; KUDRYAVTSEV,
Dmitriy Vasil'yevich; MARMUZOV, Grigoriy Vasil'yevich;
PESTOV, Yuriy Konstantinovich; TOLOKONNIKOV, Sergey
Vasil'yevich; TOLSTYAKOV, Vladimir Sergeyevich;
ZHEREBTSOV, I.P., red.; SOBOLEVA, Ye.M., tekhn. red.

[Design of radio pulse system components] Raschet elementov
impul'snykh radiotekhnicheskikh ustroistv [By] V.P.Vasil'eva
1 dr. Pod red. IU.M.Kazarinova. Moskva, Gosenergoizdat,
1963. 429 p. (MIRA 16:7)

(Radio) (Pulse techniques (Electronics))

ZHEREBTSOV, Ivan Petrovich; NOVIKOV, Ye.S., red.; SHEFER, G.I.,
tekhn. red.

[Radio engineering] Radiotekhnika. Izd.5., perer. 1 dop.
Moskva, Sviaz'izdat, 1963. 655 p. (MIRA 16:5)
(Radio)

ZHEREBTSOV, Ivan Petrovich; KUZ'MINOV, A.I., red.

[Introduction to the technical applications of centimeter
and decimeter waves] Vvedenie v tekhniku detsimetrovykh i
santimetrovykh voln. Izd.2., perer. Moskva, Energiia,
1964. 143 p. (Massovaya radiobiblioteka, no.531)
(NIRA 17:10)

ZHEREBTSOV, Ivan Petrovich; GRIGOR'YEVA, A.I., red.; TROITSKIY,
L.V., red.

[Electrical engineering for radio operators] Elektro-
tekhnika dlia radistov . Izd.2., perer. i dop. Moskva,
Izd-vo DOSAAF, 1964. 288 p. (MIRA 18;1)